

REMARKS

The above amendments and following remarks are submitted under 37 C.F.R. 1.116 in response to the Final Official Action of the Examiner mailed April 22, 2004 (i.e., Paper No. 6). Having addressed all objections and grounds of rejection, claims 1-20, being all the pending claims, are now deemed in condition for allowance. Reconsideration to that end is respectfully requested.

The Examiner has made a provisional, judicially created, obviousness-type double patenting rejection. As stated before, this application is in prosecution and claims are not yet allowed. If the present condition were to exist upon allowance of all claims, Applicants would consider filing a terminal disclaimer.

Claims 16-20 have been rejected under 35 U.S.C. 102 as being anticipated by U.S. Patent No. 6,169,992, issued to Beall et al (hereinafter referred to as "Beall"). Claims 1-15 have been rejected under 35 U.S.C. 103(a) as being unpatentable over Beall in view of U.S. Patent No. 6,285,998, issued to Black et al (hereinafter referred to as "Black"). These grounds of rejection are respectfully traversed, as to amended claims 1-20, for the following reasons.

Claims 1-20 have been limited, as originally presented and throughout the prosecution, to the structure and method of building or designing a "service" to be subsequently executed by a data base management system. Most generally, a "service" is a sequence of instructions which are scripted in (or converted to) the command language of the data base management system. The service is executed by the data base management system to operate upon a data base or portions of the data base.

Though Applicants have continuously and consistently utilized the term, "service" throughout the specification and drawings, for the convenience of the Examiner, page 25, lines 8-17, provide a succinct working definition of "service" stating:

The basic request/response format of the Cool ICE system involves a "service" (defined in greater detail below) which is an object of the Cool ICE system. The service is a predefined operation or related sequence of operations which provide the client with a desired static or dynamic result. The services are categorized by the language in which they were developed. Whereas all services are developed with client-side scripting which is compatible with internet terminal 54 (e.g., HTML), the server-side scripting defines the service category. Native services utilize Cool ICE script for all server-side scripting. On the other hand, open services may have server-side scripting in a variety of common commercial languages including Jscript, VBScript, ActiveX controls, and HTML. Because native services are developed in the Cool ICE script (run) language, greater development flexibility and variety are available with this technique.

In short, a "service" is a computer program. Applicants' claimed invention is tool for "designing", "building", and developing a

service. Furthermore, this "service" is generally utilized to modify data from an addressed data base. For example, page 44, lines 25-27, provides:

The three steps are: where and order by; analyze, calculate, and reformat; and create a graph or selectively view any or all columns.

In general, a "service" modifies data from the associated data base.

Beall and Black, on the other hand, disclose search engines¹ which locate (i.e., query) data² within the data base without operating upon the data or the data base. It is abundantly clear from the complete disclosures of both Beall and Black that neither individually nor in combination suggests any modification to the data within the data base.

Therefore, to accentuate this feature (i.e., building a service for the purpose of modification of data within the data base), claims 1-20 have been herewith modified to make this feature more explicit. However, it is important to note that Applicants deem the pending claims to have been so limited as originally presented. Furthermore, these amendments are deemed to more completely highlight the patentable distinctions between the pending claims as previously argued.

¹See Title of Beall

²See Title of Black.

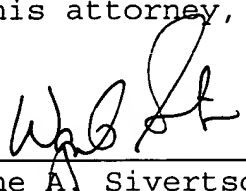
Having thus responded to each objection and ground of rejection, Applicants respectfully request entry of this amendment and allowance of claims 1-20, being the only pending claims.

Respectfully submitted,

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By his attorney,

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